18dBi Directional Panel Outdoor Antenna

WAN-2181

H/W Version: 1

Product Overview

The LevelOne WAN-2181 Directional Panel Outdoor Antenna provides outdoor WiFi spots, hotspots and RFID reception areas with extended wireless network access to 802.11b, 802.11g and draft 802.11n wireless local area networks.

Connect to LevelOne Access Points and Routers

The WAN-2181 easily connects to LevelOne wireless routers and access points to provide extended wireless network coverage to outdoor areas. The directional design of the WAN-2181 offers increased wireless signal coverage in a specific direction, allowing for improved data throughput over extended areas.

High-Quality Outdoor Antenna

The WAN-2181 Outdoor Antenna is made of non-corrosion materials and is weatherproof making it suitable for all weather conditions. It can withstand wind gusts of up to 180km/h and provides lightning protection.

Key Features

- For IEEE 802.11b/g/draft-n Wireless applications in 2.4G ~ 2.5GHz ISM Band
- 18dBi Directional and Multi-point operation
- Lightweight and all-weather operation
- Outdoor antenna for public hot-spots, WiFi and RFID applications
- DC Short and lightning protection
- Includes tilt and swivel mast mount brackets

Works Well With

WAB-3002
11g Outdoor PoE Wireless Access Point

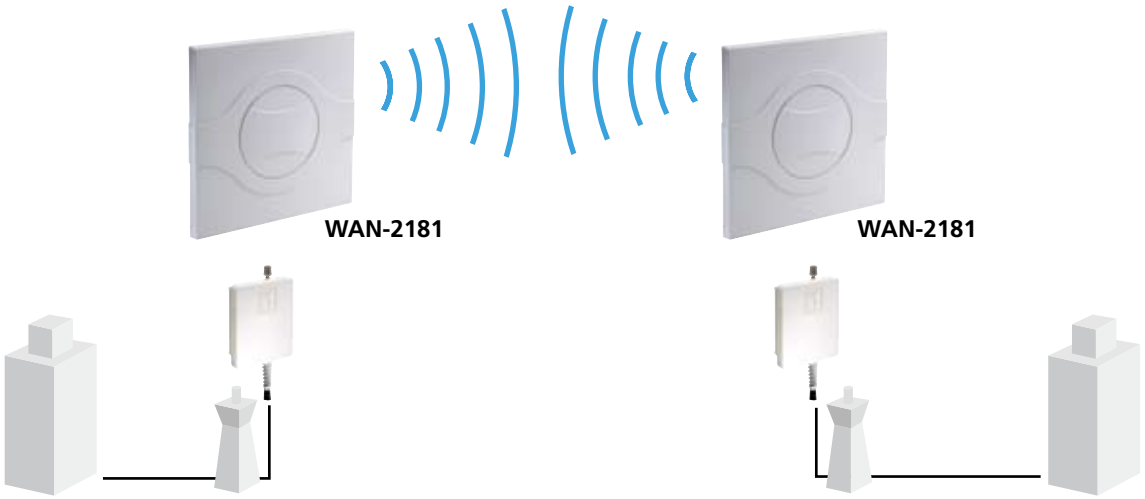
WAB-7400
11a/b/g Dual Radio Outdoor Mesh PoE Wireless Access Point

Technical Specification

Electrical Specification
Frequency Band
2.4GHz-2.5GHz (2.4GHz ~2.5GHz)
Gain
18dBi
VSWR
≤1.5
Polarization
Vertical
Vertical Beam width
17°C
Horizontal Beam width
17°C
Impedance
50Ω
Connector
Fixed N Female
Admitted Power
30W
Antenna Type
PCB Patch array

Environmental & Mechanical Characteristics
Survival Wind Speed
180km/hr (120mph) wind gusts
Operating Temperature
-20°C ~ +80°C
Antenna Size
365mm x 365mm x20mm
Weight
800g
Randome Material
ABS Grey
Clamps
U-Bolt
Mounting Pipe
32mm-45mm

Product Diagram



WAN-2181 works with WAB-7000 for Point-to-Point wireless bridging applications

Order Information **WAN-2181:** 18dBi Directional Panel Outdoor Antenna

Package Contents WAN-2181, L Type Mounting Kits

Optional Accessories

ANC-4230
400 Series N plug to N plug Cable 3m

ANC-2210
200 Series N plug to N plug Cable 1m

ANC-2310
200 Series N plug to RPSMA plug Cable 1m

ANA-6100
6GHz Outdoor Arrestor

ANA-3100
3GHz Outdoor Arrestor

ANC-2330
200 Series N plug to RPSMA plug Cable 3m

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